

MATERIAL SAFETY DATA SHEET

PAGE 1

Amidate

ISSUED 01/10/96

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: Amidate

List Number: 8060, 8061, 8062

MANUFACTURER: Hospital Products Division
Abbott Laboratories
Abbott Park, Illinois 60064

EMERGENCY TELEPHONE NUMBER: 1-847-937-7970

CHEMTREC TELEPHONE NUMBER: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME: Etomidate Hydrochloride*

CAS/RTECS NUMBERS: 53188-20-8/NI402050C

OSHA-PEL 8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV 8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER 8HR TWA: N/A

LIMITS STEL: N/A

CEILING: N/A

* Hazardous per OSHA criteria

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: In clinical use, this material is used to induce sleep. Target organs include the central nervous system, the lungs and the adrenal gland.

ROUTE(S) OF ENTRY: Skin: Unlikely
Inhalation: Unlikely
Ingestion: Unlikely

INGESTION RATING: N/D

PAGE 2

Amidate

ISSUED 01/10/96

3. HAZARDS INFORMATION, continued

SKIN ABSORPTION RATING: N/D

INHALATION RATING: N/D

CORROSIVENESS RATING: N/D

SKIN CONTACT RATING: N/D

SKIN SENSITIZATION RATING: N/D

EYE CONTACT RATING: N/D

TARGET ORGANS: Central nervous system, lungs, adrenal gland

CARCINOGENICITY RATING: NTP: N/L IARC: N/L OSHA: N/L

ACGIH: N/L

None

SIGNS AND SYMPTOMS: N/D. In clinical use, etomidate induces sleep.

Signs of overdose include deep sleep and respiratory difficulties to the point of respiratory arrest.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D. Data suggest pre-existing central nervous system or respiratory ailments or persons with impaired adrenocortical function. Concurrent use of depressants or monoamine inhibitors.

4. FIRST AID MEASURES

EYES: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, monitoring central nervous system and respiratory function, as necessary.

SKIN: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, monitoring central nervous system and respiratory function, as

Amidate

ISSUED 01/10/96

4. FIRST AID MEASURES, continued

necessary.

INGESTION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, monitoring central nervous system and respiratory function, as necessary.

INHALATION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, monitoring central nervous system and respiratory function, as necessary.

5. FIRE FIGHTING PROCEDURES

FLASH POINT: Non-flammable
FLASH POINT METHOD: N/A
LOWER EXPLOSIVE LIMIT(%): N/D
UPPER EXPLOSIVE LIMIT(%): N/D
AUTOIGNITION TEMPERATURE: N/D

FIRE & EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: Use appropriate media to fight primary cause of fire.

FIRE FIGHTING INSTRUCTIONS: Wear protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: Absorb with suitable material, flush with water.

7. HANDLING AND STORAGE

HANDLING: No special handling required.

MATERIAL SAFETY DATA SHEET

PAGE 4

Amidate

ISSUED 01/10/96

7. HANDLING AND STORAGE, continued

STORAGE: Store at controlled room temperature of 15-30 degrees C (59-86 degrees F).

SPECIAL PRECAUTIONS: N/D

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special provisions are required under normal product use conditions.

RESPIRATORY PROTECTION: Respiratory protection is not needed during normal product use.

SKIN PROTECTION: If skin contact is likely, neoprene or vinyl rubber gloves are recommended.

EYE PROTECTION: Eye protection is not required during typical product use conditions. Eye protection is recommended if eye contact is likely.

OTHER PROTECTION: N/D

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Clear liquid

ODOR: N/A

BOILING POINT: Water (approx.)

MELTING/FREEZING POINT: Water (approx.)

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/A

BULK DENSITY: N/D

SPECIFIC GRAVITY: Water (approx.)

SOLUBILITY: Aqueous solution

pH: 4.0 - 7.0

VISCOSITY: Water (approx.).

MATERIAL SAFETY DATA SHEET

PAGE 5

Amidate

ISSUED 01/10/96

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: N/D.

INCOMPATIBILITIES: N/D

HAZARDOUS DECOMPOSITION PRODUCTS: N/D.

HAZARDOUS POLYMERIZATION: N/D

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY: N/D. Reported to produce sleep when held in mouth.
LD50 (iv) = 7-29.5 mg/kg in mice, guinea pigs, rats and dogs.

DERMAL TOXICITY: N/D

INHALATION TOXICITY: N/D

CORROSIVENESS: N/D

DERMAL IRRITATION: N/D

OCULAR IRRITATION: N/D

DERMAL SENSITIZATION: N/D

SPECIAL TARGET ORGAN EFFECTS: N/D. In clinical use, etomidate is a
narcotic that is used to induce sleep. It can also suppress
adrenocortical function during anesthesia.

CARCINOGENICITY INFORMATION: N/D

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/D

PAGE 6

ISSUED 01/10/96

14. TRANSPORTATION INFORMATION

15. REGULATORY INFORMATION

PROP 65 (CA): N/L

MATERIAL SAFETY DATA SHEET

PAGE 7

Amidate

ISSUED 01/10/96

16. OTHER INFORMATION

LEGEND: N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

L = Listed

C = Ceiling

S = Short-term

(R) = Registered Trademark of Abbott Laboratories

(TM) = Registered Trademark of Abbott Laboratories

The information and recommendations contained herein are based upon information believed to be reliable. However, Abbott Laboratories does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform with actual conditions of usage may be required. Abbott Laboratories assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of these data. No freedom from infringement of any patent, copyright or trademark is to be inferred.

APPROVED BY: FM